Electronic Acknowledgement Receipt			
EFS ID:	9015725		
Application Number:	10574256		
International Application Number:			
Confirmation Number:	7149		
Title of Invention:	Variable Position Catalyst		
First Named Inventor/Applicant Name:	Troy Woodcock		
Customer Number:	46507		
Filer:	Brian J. Pangrle		
Filer Authorized By:			
Attorney Docket Number:	H0006221		
Receipt Date:	12-DEC-2010		
Filing Date:	06-FEB-2007		
Time Stamp:	13:00:24		
Application Type:	U.S. National Stage under 35 USC 371		

## Payment information:

Submitted with Payment	no
File Listing:	

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		H0006221-Resp-OA.pdf	105600	ves	13
·	nooozz mesp ompan	a6a331a9cdf369cff047455cebf75366f3d6 27b	/	.,	

	Multip	art Description/PDF files in .	zip description		
	Document Description		Start	End	
	Amendment/Req. Reconsideration-After Non-Final Reject		1	1	
	Specification		2	2	
	Claims		3	7	
	Applicant Arguments/Remarks Made in an Amendment		8	13	
Warnings:					
Information:					
2	Specification	H0006221-Sub-Spec-Marked- Up.pdf	86035	no	12
	opecinication.		e034df3155353c8c43u2ucf239760d94581d 5707		
Warnings:					
Information:					
3 Specification	Specification	H0006221-Sub-Spec-Clean.pdf	81889	no	11
			c89ac7Ylb5adec7c61db30846132529dc45 09222		
Warnings:					
Information:					
4 Change of Add	Change of Address	H0006221-Address-Change-p. pdf	128937	no	2
	y		984bc6e658fe5574524bb49d03ad61f7849 df661	***	
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## New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.